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RECOMBINANT C140 RECEPTOR  
AND ITS AGONISTS AND ANTAGONISTS

Abstract of the Disclosure

Nucleic acid molecules encoding the C140 cell  
5 surface receptor have been cloned and sequenced. The  
availability of C140 receptor DNA permits the recombinant  
production of the C140 receptor which can be produced on  
the surface of a cell, including an oocyte. The nucleic  
acid molecules are useful in an assay for detecting a  
10 substance which affects C140 receptor activity, either  
receptor agonists or antagonists. Further, the  
elucidation of the structure of the C140 receptor permits  
the design of agonist and antagonist compounds which are  
useful in such assays. The availability of the C140  
15 receptor also permits production of antibodies  
specifically immunoreactive with one or more antigenic  
epitopes of the C140 receptor.